

Press release

The Center for Applied Nanotechnology (CAN) GmbH presents the newest development of their nanoparticle series to the European community during the Euro Nano Forum show in Dublin, Ireland.

Hamburger nano specialist introduces new fluorescent nanocrystals - CANdots® Series A *plus*.

Hamburg, 24. Mai 2013 – The nanoexperts from the Hamburger Center for Applied nanotechnology (CAN) GmbH have expanded their product portfolio by the fluorescent nanocrystals Series A *plus*. These are inorganic semiconductor core/shell particles with an elongated morphology. Owing their long lasting experience in the production and modification of nanoparticles as well as close collaborations with customers this new system has been developed at CAN. It is highly suitable for demanding applications. CANdots® Series A *plus* nanocrystals feature high quantum efficiency, an enhanced processability as well as an intense absorption coefficient in the high energy region. Their brightness is two to four folds higher compared to conventional dots.



For the first time, this new product series has been presented during the NSTI Nanotech (13th through 16th of May) in Washington, one of the most significant show for nanotechnology worldwide. Now CAN is going to participate the Euro Nano Forum show from 18th through 20th of June to perform the European launch. Interested scientific and research associates as



well as executive directors are highly welcomed to visit CAN at their booth M15 during the event.

„During this important European event we are looking for new commercial and strategic partnerships with UK institutes and companies in order to intensify our research and development activities.“, says Dr. Frank Schröder-Oeynhausen, Chief of Operation at CAN. "We are pleased to invite you to meet us at ENF2013 and to get more information about the benefits of our continuous flow synthesis of nanoparticles and to talk about future collaborations as well."

Accounting the close collaboration with the specialty chemical distributor STREM chemicals the new fluorescent products are already available. Through their catalogue these bright nanocrystals can be directly ordered in the colors green, orange and red or as a kit of all three.

Further information about CAN GmbH on www.can-hamburg.com

CAN GmbH offer companies and other institutions bilateral contract R&D services in the area of nanotechnology. Furthermore, CAN GmbH participate in national and international research programs. They focus on the utilization of new concepts in nanochemistry, especially in the fields of material science (components for solar and fuel cells), life science (diagnostic agents) and home & personal care / industry (cosmetics, detergents, specialty polymers).

Their main expertise is the production of various nanoscaled materials like fluorescent, magnetic and catalytically-active nanocrystals. These products are marketed under the brand CANdots[®] and are dispersible in polar or unpolar media readily available for applications in research and industry.